REMARKS

Reconsideration of this application, in view of the foregoing amendments and the following remarks, is respectfully requested.

Claim Rejections - 35 USC § 112

Claims 10 and 13 are rejected under 35 U.S.C. §112, first paragraph, as failing to comply with the enablement requirement. Applicants respectfully traverse these rejections.

Claim 10 has been amended to further clarify the subject matter recited therein.

As to claim 13, the Examiner has stated that "If this is true, how does it perform a LPF function?" Applicants respectfully point to the Examiner that claim 13 depends from claim 1 and the LPF function is recited in claim 10. The specification clearly supports the embodiments with and without LPF functions. Accordingly, claim 13 is fully described and supported by the specification. Applicants respectfully request the withdrawal of the rejections of claims 10 and 13 under USC §112, first paragraph.

Claim Rejections - 35 USC § 102

Claims 1, 4-9, 14, and 16-20 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent 6,693,616 to Koyama et al, hereafter Koyama. Applicants respectfully traverse these rejections.

To anticipate a claim, the reference must teach each and every limitation of the claim. *See* MEP §2131. As to claims 1 and 17, Koyama does not teach each and every limitation.

As to claim 1, the Examiner has stated that Koyama teaches "a combining arrangement [**not shown in Figure 1**, but <u>necessarily present in order to apply analog data from the signal lines to an output device</u>]." (Emphasis added). Applicants respectfully disagree and point to the Examiner that there is a reason why Koyama does not show the combining arrangement because it does not need one. Figure 1 of Koyama is described in reference to figure 20 of prior art.

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Applicants respectfully point to the Examiner that figure 20 describes signal lines S001 to S640, which are similar to signal lines shown and described in figure 1. Koyama further describes that these signal lines are input to liquid crystals 107 shown and described in figure 19. Thus, each signal line is independently connected to a liquid crystal 107 in a pixel matrix 103 and therefore, there is no need to have a combining arrangement in Koyama. Koyama does not teach each and every element of claim 1 and does not anticipate claim 1. Accordingly, claims 1 and 17 and those depend therefrom, are patentably distinguishable from Koyama.

Applicant believes this application and the claims herein to be in a condition for allowance. Should the Examiner have further inquiry concerning these matters, please contact the below named attorney for Applicant.

Respectfully submitted,

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